



US Army Corps
of Engineers
Huntsville Center

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Medical Facilities Mandatory Center of Expertise

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Medical Facilities MX

Huntsville Center is the U.S. Army Corps of Engineers' Medical Facilities Mandatory Center of Expertise (MX), and partners with the Corps' project delivery teams, regional business centers/divisions and geographical districts to provide medical expertise and the highest quality medical and medical research facility life cycle support to the Department of Defense (DoD), other federal agencies, and foreign governments.

Since its inception in 1978, the MX has supported some 450 medical treatment or medical research facility projects totaling more than \$5 billion. An unprecedented record of delivering projects within budget and on or ahead of schedule has been established. Many of the facilities have been recognized with national design awards from The American Institute of Architects, *Modern Health Care Magazine*, and the Secretary of Defense, Air Force, Army and Corps of Engineers.



policies, technical guidance, procedures, criteria, specifications, and standards that integrate medical unique design, construction and operational requirements. They are centrally funded and their use is mandatory for all DoDM medical and medical research

facilities, but is also available on a reimbursable basis to provide support for others.

The MX supports developing acquisition strategies, scopes of work for architect-engineer (AE) services or other medical unique submittal requirements, including acquisition plans, schedules and intensive management plans. MX provides medical unique technical support and leadership in developing concept designs, and they provide technical review and expertise during the final design process. During construction, MX assists with technical evaluation of construction changes, or concerns, to ensure compliance with medically unique policy and criteria, and also assists with commissioning activities.

DoDM Program

The Department of Defense Medical (DoDM) program funds Army, Air Force and Navy medical and medical research facilities. Since originally directed by Congress and established in 1978, the MX has the responsibility to develop medical design and construction

MX Mission Redefined

In a memorandum to all Corps of Engineers division and center commanders on the subject of Medical Military Construction (MILCON) Facility Design and Construction Execution, dated Nov. 29, 2005, Brig. Gen. 'Bo' Temple, redefined the mission and function of the MX and issued revised execution policy. In

summary, he stated; "The Medical Facilities Mandatory Center of Expertise, acting in partnership with the Project Delivery Team, has leadership responsibility for design acquisition strategy and concept design development, with continued technical oversight and direction during final design and construction execution concerning medically unique aspects of the project."

Medical Treatment Facilities

More than \$330 million of FY02 thru FY04 DoDM medical treatment facilities have been completed, or are in, construction. Another \$283 million of FY05 and FY06 have been awarded or are pending award. Air Force, Army and Navy FY07 thru FY11 DoDM treatment facility projects are beginning design or are in planning, totaling more than another \$1.2 billion. These include an FY07 \$87 million replacement Air Force facility at MacDill Air Force Base, and numerous other DoD clinics.

Medical Research Facilities and Labs

More than \$664 million of medical research facilities, funded over FY07 through FY11, have just started design with the MX supporting the geographical project delivery teams. This includes the

Army's main Center for Health Promotion and Preventive Medicine (CHPPM) and DoD's, if not the nation's, largest and most complex medical research facility, the U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID). This research institute is being designed as the keystone for the new National Interagency Biodefense Campus (NIBC) at Fort Detrick, Md. An additional Stage II for USAMRIID is in the planning stages and will start its funding in the FY11 program.

Global War on Terrorism and Support to the Front

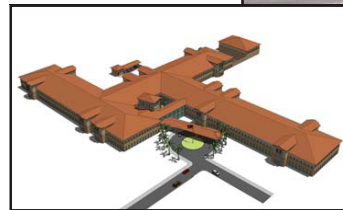
The MX has provided support to three emergency projects in support of the GWOT, and is currently reviewing another hospital facility for construction in Iraq. Additionally, the MX is supporting the rehabilitation of the CHPPM labs in Europe, and supporting the Japanese government-funded replacement of the Lester Naval Hospital in Okinawa on a reimbursable basis.



Dewitt Hospital



Edwards Air Force Base



MacDill Air Force Base



CHPPM Laboratories



Brooke Medical Center



USAMRIID Research



**Located at
Humphreys
Engineer Center
Support Activity
(HECSA) in
Alexandria, Va.**